

Phillipe Manio

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maniophillipe.vercel.app | Authorized to work in U.S. (no sponsorship required) | Open to relocation

EDUCATION

University of California, Irvine
Bachelor of Science in Computer Science

Irvine, CA

Sep. 2023 – Jun. 2025

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL, HTML/CSS

Databases: MySQL, PostgreSQL

Frameworks: React, Node.js, Express.js, Tailwind CSS, jQuery

Tools: Git, GitHub, AWS (EC2), JDBC, Postman, IntelliJ IDEA, VS Code

PROJECTS

Fabflix

Apr. 2025 – Jun. 2025

(GitHub Repo)

- Java, JavaScript, MySQL, JDBC, Tomcat, AWS*
- Engineered a full-stack movie database platform using **Java Servlets**, **Tomcat**, and **MySQL**, supporting search, filtering, and checkout workflows across title, actor, genre, and year.
 - Designed and implemented server-side routing and **session-based authentication** using **Java Servlets** and **JDBC**, managing user state and access control.
 - Utilized **JDBC PreparedStatements** to parameterize queries and mitigate SQL injection risks.
 - Built a **SAX-based streaming XML parser** to efficiently ingest and batch-insert **20,000+ movies** and **50,000+ actors** into MySQL using JDBC batch operations.
 - Provisioned and configured an **AWS EC2** instance with **HTTPS** enabled to deploy the application and support secure remote access.

BranchOut (Best Project Overall, UCI FUSIONCon 2025)

Nov. 2024 – May 2025

React, Tailwind CSS, Node.js, Express.js

(Live Demo | GitHub Repo)

- Collaborated on a **9-member team** over **2 academic quarters** to deliver a networking and resources platform targeting **100,000+ UC students** system-wide.
- Built reusable onboarding components using **React** and **Tailwind CSS**, improving UI consistency across a multi-page flow.
- Implemented RESTful backend routes using **Express.js** to support dynamic content retrieval and data exchange.
- Validated API behavior using **Postman** within a **10+ route** system to verify request/response integrity and edge cases.

RELEVANT EXPERIENCE

theCoderSchool Yorba Linda

Jun. 2022 – Oct. 2022

Yorba Linda, CA

Coding Coach | Scratch, Python, C++

- Simplified and taught programming concepts (e.g., **Scratch**, **Python**) to students aged 6–17 by adapting lessons to each student's skill level.
- Led 1-on-1 and group coding sessions for an average of **7 students weekly**, guiding foundational programming principles and personal projects.
- Created weekly lesson plans tailored to each student's progress, ensuring structured and consistent delivery of concepts.

ADDITIONAL EXPERIENCE

Starbucks Coffee Company

Sep. 2021 – Present

Norco, CA

Barista/Barista Trainer

- Collaborated with 4–10 partners per shift to maintain drive-thru times under 45 seconds during peak hours in a high-volume environment.
- Spearheaded training sessions with new hires on menu items, POS systems, company mission & values, and customer service expectations.